

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("7180250").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/03 15:37
S2	1	"7180250"	US-PGPUB; USPAT	OR	OFF	2007/05/03 15:38
S3	329	"7180250" sashida	US-PGPUB; USPAT	OR	OFF	2007/05/03 15:38
S4	328	sashida	US-PGPUB; USPAT	OR	OFF	2007/05/03 15:38
S5	108	sashida.IN.	US-PGPUB; USPAT	OR	OFF	2007/05/03 15:38
S6	12	sashida.IN. AND piezoelectric	US-PGPUB; USPAT	OR	OFF	2007/05/03 15:44
S7	83	"KIMURA, TORU".IN. OR "TSUBOTA, KOJI".IN. OR "YASUDA, EIJI".IN.	US-PGPUB; USPAT	OR	OFF	2007/05/03 15:45
S8	46	digital AND ("KIMURA, TORU".IN. OR "TSUBOTA, KOJI".IN. OR "YASUDA, EIJI".IN.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2007/05/03 15:46
S9	16	digital AND analog AND ("KIMURA, TORU".IN. OR "TSUBOTA, KOJI".IN. OR "YASUDA, EIJI".IN.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/03 15:52
S10	717	381/80,81,85,123.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/03 15:52
S11	117	381/80,81,85,123.ccls. AND (analog SAME digital)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/03 15:53

## EAST Search History

S12	117	381/80,81,85,123.ccls. AND ((analog OR analogue) SAME digital)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/04 16:28
S13	1	("6862429").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/04 14:00
S14	1	("20030026440").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/04 14:00
S15	19	381/80,81,85,123.ccls. AND ((analog OR analogue) SAME digital) AND (CD OR DVD OR compact disc OR digital video disc OR digital versatile disc) AND (TV OR television OR tele-vision)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/04 14:09
S16	15	381/80,81,85,123.ccls. AND ((analog OR analogue) SAME digital) AND (CD OR DVD OR compact\$2disc OR digital\$2video\$2disc OR digital\$2 versatile\$2disc) AND (TV OR television OR tele-vision)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/04 14:10
S17	15	381/80,81,85,123.ccls. AND ((analog OR analogue) SAME digital) AND (CD OR DVD OR compact\$3disc OR digital\$3video\$3disc OR digital\$3 versatile\$3disc) AND (TV OR television OR tele-vision)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/04 14:10
S18	19	381/80,81,85,123.ccls. AND ((analog OR analogue) SAME digital) AND (CD OR DVD OR compact disc OR digital video disc OR digital versatile disc) AND (TV OR television OR tele-vision)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/04 14:44
S19	6063	("348".CLAS. OR 381/80,81,85,123.ccls.) AND ((analog OR analogue) SAME digital) AND (CD OR DVD OR compact disc OR digital video disc OR digital versatile disc) AND (TV OR television OR tele-vision)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/04 14:45

## EAST Search History

S20	6046	"348".CLAS. AND ((analog OR analogue) SAME digital) AND (CD OR DVD OR compact disc OR digital video disc OR digital versatile disc) AND (TV OR television OR tele-vision)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/04 14:45
S21	5732	"348".CLAS. AND ((analog OR analogue) SAME digital) AND (CD OR DVD OR compact disc OR digital video disc OR digital versatile disc) AND (TV OR television OR tele-vision) AND (select\$4 OR switch\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/04 14:46
S22	148	"348".CLAS. AND ((analog OR analogue) SAME digital) SAME (CD OR DVD OR compact disc OR digital video disc OR digital versatile disc) SAME (TV OR television OR tele-vision) SAME (select\$4 OR switch\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/04 14:48
S23	148	S22 NOT 381/80,81,85,123.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/04 14:48
S24	18	381/80,81,85,123.ccls. AND (TV OR television) AND ((battery OR power) WITH off)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/04 16:29